

PATENT

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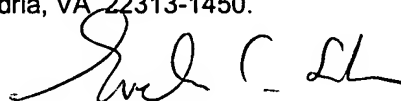
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In Re : Utility Patent Application of :  
Graham Davies, et al. :  
:  
Title : IMPROVED CASTING PROCESS :  
FOR TOILET BOWLS :  
:  
Serial No. : to be assigned :  
:  
Filed : December 2, 2003 :  
:  
Examiner : Not Assigned :  
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**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8 (a)**

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December 2, 2003

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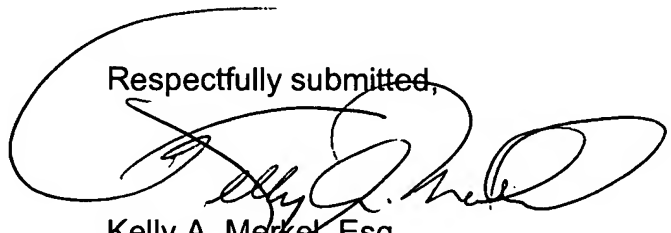
**INFORMATION DISCLOSURE STATEMENT**

Sir:

Applicants hereby submit this Information Disclosure Statement pursuant to 37 C.F.R. § 1.97 and 1.98 in order to comply with the duty of disclosure under 37

C.F.R. § 1.56. The enclosed Information Disclosure Statement Citation (Form PTO-1449) identifies references AA through AM. Copies of references AA through AM are enclosed for the convenience of the Examiner. The Examiner is respectfully requested to consider the references and to make the references of record in the subject application. Early and favorable action is earnestly solicited. No fee is believed due as the above is being submitted before the mailing date of a first Office Action on the merits.

Respectfully submitted,



Kelly A. Merkel, Esq.  
Attorney for Applicants  
Registration No. 43,800

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AMERICAN STANDARD INC.  
One Centennial Avenue  
Piscataway, NJ 08855-6820

Date: December 2, 2003

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Sheet 1

of

2

Application Number

Filing Date

December 2, 2003

First Named Inventor

Graham Davies et al.

Art Unit

Examiner Name

Attorney Docket Number

PH-2500

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | AA                    | US- 1,289,151                            | 12/31/18                       | Gavin  |   |
|                    | AB                    | US- 1,337,663                            | 04/20/20                       | Lawrence et al.                                    |   |
|                    | AC                    | US- 1,435,644                            | 11/14/22                       | Kelly  |   |
|                    | AD                    | US- 1,447,529                            | 03/06/23                       | Bowers   |   |
|                    | AE                    | US- 3,218,376                            | 11/16/65                       | Schindler, Jr.                                     |   |
|                    | AF                    | US- 3,461,194                            | 08/12/69                       | Alexander  |   |
|                    | AG                    | US- 3,536,799                            | 10/27/70                       | Spy  |   |
|                    | AH                    | US- 5,268,047                            | 12/07/93                       | Chuang   |   |
|                    | AI                    | US- 5,514,316                            | 05/07/96                       | Kosugi et al.                                      |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
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|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |                |
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Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT BY APPLICANT**

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|----------------------------|----------------------|----------------------|
| Sheet <b>2</b> of <b>2</b> | Applicant Number     |                      |
|                            | Filing Date          | December 2, 2003     |
|                            | First Named Inventor | Graham Davies et al. |
|                            | Art Unit             |                      |
|                            | Examiner Name        |                      |
| Attorney Docket Number     |                      | PH-2500              |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
|                    | AJ                    | BILL LEACH, Slurry Solutions for Sanitaryware, K-T Clays Feature, CI January, pp. 1-6   |                |
|                    | AK                    | WAYNE KNOTTS, et al., New China Clay Blend for Italian Sanitaryware Market, Kentucky-Tennessee Clay Company, Nashville, TN U.S.A., pp 1-5   |                |
|                    | AL                    | KIMBERLY L. PETRI, et al., A Hierarchical Fuzzy Model for Predicting Casting Time in a Slip-Casting Process, Ben Franklin Technology Center of Western Pennsylvania, pp. 1-10   |                |
|                    | AM                    | SARAH S.Y. LAM, Prediction and Optimization of a Ceramic Casting Process ....., IIE Transactions on Design and Manufacturing, May 1999  |                |
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| Examiner Signature |  | Date Considered |  |
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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